IN THE SPECIFICATION AMEND:

Please replace the paragraph beginning at page 1, line 3, with the following replacement paragraph:

a1

--This application is a continuation in part of Application Serial No. 09/061,434 filed April 17, 1998 and U.S. Serial No. 09/830,240, abandoned, filed November 2, 1999 through the Patent Cooperation Treaty under Serial No. PCT/US99/25775.--

IN THE CLAIMS AMEND:

Please amend claims 1 and 40 as follows:

1. (Amended) A system for locating a circuit interrupter associated with a selected branch circuit from amongst a plurality of circuit interrupting devices, each circuit interrupter within said plurality of circuit interrupting devices being operably connected in series between a power line bus bar and a respective branch circuit, each branch circuit having a hot lead and a neutral lead, said system comprising:

a2

- a receiver broadly tuned about a predetermined frequency of a current spike signal created on said selected branch circuit by a passive transmitter, said receiver driving a user-perceivable signaling device upon sensing said current spike signal; and
- said passive transmitter creating said current spike signal on said selected branch circuit at said predetermined frequency upon operable connection to said selected branch circuit, said current spike signal having a sufficiently short spike duration and a sufficient amplitude so as to substantially minimize development of a sympathetic signal on other branch circuits adjacent to said selected branch circuit, said passive transmitter including a voltage controlled switch in series with a charge storage device;
- whereby upon operable connection to said selected branch circuit, said voltage controlled switch is triggered into conductance by application of a voltage in excess of a breakover voltage across said voltage controlled switch, allowing current to flow through said charge storage device; causing said charge storage device to charge and instantaneously developing a current spike signal on said selected branch circuit; and
- whereby said receiver detects said current spike signal solely when in proximity to said circuit interrupter associated with said selected branch circuit as said current spike signal on said selected branch circuit is easily distinguished from said sympathetic signal developed on any of said other branch circuits.

40. (Amended) A method for locating a circuit interrupter associated with a selected branch circuit from amongst a plurality of circuit interrupting devices, each circuit interrupter within said plurality of circuit interrupting devices being operably connected in series between a power line bus bar and a respective branch circuit, each branch circuit having a hot lead and a neutral lead, said method comprising:

(a) operably connecting a passive transmitter to a selected branch circuit, said passive transmitter having a voltage controlled switch in series with a charge storage device;

(b)creating a current spike on the selected branch circuit at a predetermined frequency, whereby upon operable connection of the passive transmitter to the selected branch circuit, the voltage controlled switch is triggered into conductance by application of a voltage in excess of a breakover voltage across said voltage controlled switch, allowing current to flow through said charge storage device, causing said charge storage device to charge and instantaneously developing a current spike signal on said selected branch circuit;

(c)inducing only a substantially weak electromagnetic field about the selected branch circuit by limiting the current spike signal to a sufficiently short duration;

(d) placing a receiver broadly tuned about the predetermined frequency of the current spike signal in physical proximity to each of the plurality of circuit interrupting devices individually; and

(e) driving a user-perceivable signaling device when the receiver is coupled to the weak electromagnetic field generated at the predetermined frequency of the current spike signal.